

# GAD67 antibody [HL1096]

**Cat. No. GTX636280**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P, IHC-Wm
<b>Reactivity</b>	Human, Mouse, Rat, Zebrafish, Cat, Dog, Japanese Medaka

**Package**  
100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent
IHC-Wm	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 67 kDa.

**Product Note** This antibody is specific for GAD67 protein, and it does not cross-react with GAD65 protein.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human GAD67. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

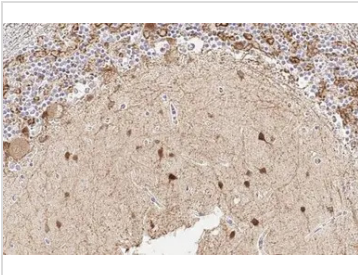


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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

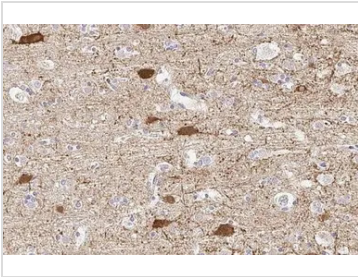
**DATA IMAGES**

**GTx636280 IHC-P Image**

GAD67 antibody [HL1096] detects GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded cat cerebellum.

GAD67 stained by GAD67 antibody [HL1096] (GTx636280) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

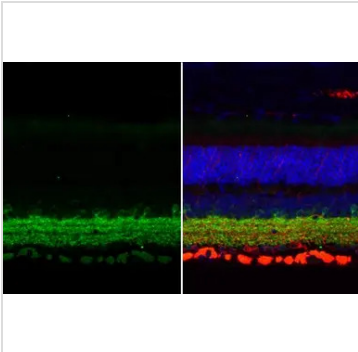

**GTx636280 IHC-P Image**

GAD67 antibody [HL1096] detects GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded dog cerebellum.

GAD67 stained by GAD67 antibody [HL1096] (GTx636280) diluted at 1:100.

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**GTx636280 IHC-P Image**

GAD67 antibody [HL1096] detects GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis.

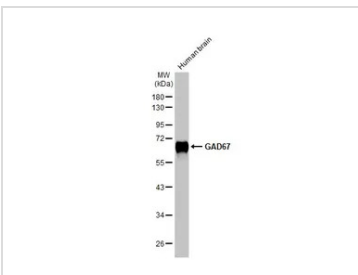
Sample: Paraffin-embedded mouse eye.

Green: GAD67 stained by GAD67 antibody [HL1096] (GTx636280) diluted at 1:100.

Red: beta Tubulin 3/ Tuj1, a neural marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTx631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTx636280 WB Image**

Human tissue extract (10 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with GAD67 antibody [HL1096] (GTx636280) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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